

Resource Management Strategies

Potential Strategy Benefits									
Provide Water Supply Benefit MAF/year	Improve Drought Preparedness	Improve Water Quality	Operational Flex & Efficient	Reduce Flood Impacts	Environmental Benefits	Energy Benefits	Recreational Opportunities	Reduce GW Overdraft	Accumulated Cost by 2030 (Billions)

Reduce Water Demand

Water conservation has become a viable long-term supply option because it saves considerable capital and operating costs for utilities and consumers, avoids environmental degradation, and creates multiple benefits.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Agricultural Water Use Efficiency	0.1 - 0.6									X.X - X.X
Urban Water Use Efficiency	1.2 - 3.1									X.X - X.X

Improve Operational Efficiency & Transfers

California's water system responds to our need to move water from where it occurs to where it will be used.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Conveyance—Delta	0.1 - 0.6									X.X - X.X
Conveyance—Regional/Local										
System Reoperation										
Water Transfers (under development)										

Increase Water Supply






























California's communities are finding innovative ways to generate new supplies.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Conjunctive Management & Groundwater Storage	0.5 - 2.0									X.X - X.X
Desalination – Brackish & Seawater	0.3 - 0.4									X.X - X.X
Precipitation Enhancement	0.3 - 0.6									X.X - X.X
Recycled Municipal Water	0.9 - 1.4									X.X - X.X
Surface Storage—CALFED	0.1 - 1.0									X.X - X.X
Surface Storage—Regional/Local (under development)										

A Range of Choices



















































Improve Water Quality

Improved water quality can directly improve the health of Californians and our ecosystem.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Drinking Water Treatment and Distribution										
Groundwater/Aquifer Remediation										
Matching Quality to Use										
Pollution Prevention										
Salt and Salinity Management										
Urban Runoff Management										

Practice Resource Stewardship

We must protect other resources as we make water supplies available for other beneficial uses.

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Agricultural Lands Stewardship										
Economic Incentives (Loans, Grants, Water Pricing)										
Ecosystem Restoration										
Forest Management		0.1 - 0.4								X.X - X.X
Land Use Planning and Management										
Recharge Area Protection										
Water-dependent Recreation										
Watershed Management										

Improve Flood Management

Strategy	MAF/year	Potential Strategy Benefits								Accumulated Cost by 2030 \$ Billions
Flood Risk Management	